FORM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE TRANSMITTAL LETTER TO THE UNITED STATES

AP15 Rec'd MARCH DOUGLED OF TO THE UNITED STATES 291601US40PCT U.S. APPLICATION NO. (If known, see 37 CFR 1.5) PRIORITY DATE CLAIMED December 5

DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371

INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE

PUI	December 5, 2004   December 5, 2005 earliest										
	FINVENTION  CLE AIR-CONDITIONING RELATED TECHNIQUE HAVING REFRIGERATION CYCLE										
_	UPERCRITICAL REFRIGERANT										
	ANT(S) FOR DO/EO/US SHINMURA, et al.										
	Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:										
1.	This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.										
2.	This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.										
3.	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.										
4.	The US has been elected (Article 31).										
5.	A copy of the International Application as filed (35 U.S.C. 371(c)(2))										
	a. is attached hereto (required only if not communicated by the International Bureau).										
	b. has been communicated by the International Bureau.										
	c. is not required, as the application was filed in the United States Receiving Office (RO/US).										
6. 🗌	An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).										
	a. is attached hereto.										
	b. has been previously submitted under 35 U.S.C. 154(d)(4).										
7.	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))										
	a. are attached hereto (required only if not communicated by the International Bureau).										
	b. have been communicated by the International Bureau.										
	c. have not been made; however, the time limit for making such amendments has NOT expired.										
	d. have not been made and will not be made.										
8. 🔲	An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).										
9. 🔲	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).										
	a. If the declaration is in a language other than the English language, it is accompanied by an English translation. The translation is accurate (37 CFR 1.69)										
10.	An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).										
11.	A copy of the International Preliminary Examination Report (PCT/IPEA/409).										
12.	A copy of the International Search Report (PCT/ISA/210).										
ltem	s 13 to 23 below concern document(s) or information included:										
13.	An Information Disclosure Statement under 37 CFR 1.97 and 1.98.										
	a. PTO-1449 b. Cited References (2) c. Statement of Relevancy d. List of Related Cases.										
14.	An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.										
15.	A FIRST preliminary amendment.										
16.	A SECOND or SUBSEQUENT preliminary amendment.										
17.	An Application Data Sheet under 37 CFR 1.76.										
18.	A substitute specification.										
19.	A power of attorney and/or change of address letter.										
20.	A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.										
21.	A second copy of the published International Application under 35 U.S.C. 154(d)(4).										
22.	A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).										
23.	Other items or information: Notice of Priority (2)/PCT/IB/304										

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						APPECAS	10N/10H	PATFORNEY'S DOCKET NUMBER 291601US40PCT					
PCT/JP04/ The following fees are submitted:						/10	3423		CALCULATIONS	PTO USE ONLY			
24. Basic national fee								*\$300	\$300.00				
25. Exam	ination	fee				_	_		Ψ500.00				
If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) \$0 All other situations								\$200.00					
26. Search	n fee								Ψ200.00				
If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)\$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority								\$400.00					
TOTAL	OF 2	4, 25 AND	26 =						\$900.00				
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.													
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or declarat	Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).								\$130.00				
CLAIMS			R FILED	NUM	BER EXTRA	ļ.,	RATE						
Total claims		11	- 20 =		3		× \$50.00		\$150.00	-			
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2285			-				SIGNATURE  Richard D. Kelly						
							Richard D. Kelly NAME Surinder Sachar						
Tel. (703) 413-3000 Fax. (703) 413-2220 (OSMMN 1/06)						2	27,757 Registration No. 34,423						

Docket No. 2

291601US40PCT

IN RE APPLICATION OF: Etsuo SHINMURA, et al.

AP20 Rec'd PCT/PTO 02 JUN 2006

SERIAL NO: New U.S. PCT Application Based on PCT/JP04/18423

Herewith

FILED: FOR:

VEHICLE AIR-CONDITIONING RELATED TECHNIQUE HAVING REFRIGERATION CYCLE OF

SUPERCRITICAL REFRIGERANT

COMMISSIONER FOR PATENTS ALEXANDRIA, VIRGINIA 22313

## SIR:

Transmitted herewith is an amendment in the above-identified application.

- No additional fee is required
- ☐ Small entity status of this application under 37 C.F.R. §1.9 and §1.27 is claimed.
- Additional documents filed herewith:

PCT Transmittal Letter/Application Data Sheet/Notice of Priority (2)

Preliminary Amendment/PCT/IB/304/International Preliminary Report on Patentability

Information Disclosure Statement/PTO-1449/Statement of Relevancy

International Search Report/References Cited (2)

Credit Card Payment Form for \$2780.00

The Fee has been calculated as shown below:

CLAIMS	CLAIMS REMAINING		HIGHEST NUMBER PREVIOUSLY PAID	NO. EXTRA CLAIMS		RATE		CALCULATIONS
TOTAL	23	MINUS	23	0	х	\$50	=	\$0.00
INDEPENDENT	11	MINUS	11	0	х	\$200	=	\$0.00
		☐ MULTII	PLE DEPENDE	+	\$360	=	\$0.00	
TOTAL OF ABOVE CALCULATIONS							NS	\$0.00
☐ Reduction by 50% for filing by Small Entity								\$0.00
TOTAL								\$0.00

A check in the amount of \$0.00 is	attach	ed	
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- ☐ Credit card payment form is attached to cover the fees in the amount of \$0.00
- Please charge any additional Fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.
- If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. §1.136, and any additional fees required under 37 C.F.R. §1.136 for any necessary extension of time may be charged to Deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.

Richard D. Kelly

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